

Proposed Amendments to the Area Designations for State Standards

***Public Workshop
December 17, 2009***

California Environmental Protection Agency

 **Air Resources Board**

Presentation Outline

- Designation Process
- Proposed Designation Changes
- Proposed Designation Criteria Changes
- Next Steps
- Comments and Discussion

Designation Process

- ARB adopts State standards to protect public health
- Designations are indication of healthfulness of air quality
- ARB adopts designation criteria and area designations
- Designations reviewed annually

Designation Requirements

- *Nonattainment:*
1 or more violations during last 3 years
Representative data
- *Attainment:*
No violations during last 3 years
Representative and complete data
- *Unclassified:*
Insufficient data

Proposed Designation Changes

- Ozone
- Nitrogen Dioxide
- Lead
- PM2.5
- No changes for other criteria pollutants

Ozone Designation Changes

| Area / Air Basin | Current Designation | 2009 Proposed Designation |
|---|----------------------------|----------------------------------|
| Lake Tahoe Air Basin | U | N |
| North Coast Air Basin Northern Sonoma County (portion) | N | A |
| Sacramento Valley Air Basin Glenn County Yuba and Sutter Counties | NA-T N | N NA-T |

A = Attainment
U = Unclassified

N = Nonattainment

NA-T = Nonattainment-Transitional

New State NO2 Standard

- 1-Hour Average NO2 Standard
Strengthened by Board in 2007
Now 0.18 ppm, not to be exceeded
- Annual Average NO2 Standard
Adopted by Board in 2007
0.030 ppm, not to be exceeded
- Areas violating one or both standards will be designated as nonattainment

Remaining Designation Changes

| Pollutant | Area / Air Basin | Current Designation | 2006 Proposed Designation |
|------------------|---|----------------------------|----------------------------------|
| Nitrogen Dioxide | South Coast Air Basin | A | N |
| Lead | South Coast Air Basin Los Angeles County | A | N |
| PM2.5 | Great Basin Valleys Air Basin | U | A |
| | Sacramento Valley Air Basin | | |
| | Colusa County | U | A |
| | Placer County (portion) | N | A |
| | Shasta County | U | A |
| | Yuba and Sutter Counties | U | A |

A = Attainment N = Nonattainment U = Unclassified

Proposed Designation Criteria Changes

- Streamline Public Hearing Process
 - Allow for Executive Officer review
- Update Screening Criteria
 - Continue attainment for unmonitored areas based on emissions
- Clarify References to Federal Regulations

Next Steps

- January 2010 Initial Staff Report Released
- March 24, 2010 Submit comments/information
- March 25, 2010 Board Hearing

Internet Information

Ambient Air Quality Standards (State and National)

www.arb.ca.gov/research/aaqs/aaqs2.pdf

Air Quality Data Statistics (iADAM)

www.arb.ca.gov/adam/welcome.html

California State Area Designations

www.arb.ca.gov/design/design.htm

National Nonattainment Areas (U.S. EPA)

www.epa.gov/air/oaqps/greenbk/index.html

Contact Information

Additional questions & information

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Comments and Discussion

Thank you